Списък на цитиранията в издания, реферирани в Web of Science и SCOPUS на научните трудове на

гл. ас. д-р Цветелина Жанова Герасимова, предоставени във връзка с участието в конкурс за академичната длъжност „доцент” по професионално направление 4.3. Биологически науки, научна специалност "Генетика"

Цитирания в Web of Science и SCOPUS- 100

Цитирания с IF – 100

Д11	Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus)*

1. Naydenova, E., Topashka-Ancheva, M., Todorov, P., **Yordanova, Ts.**, Troev, K. (2006). Novel a-aminophosphonic acids. Design, characterization, and biological activity. Bioorganic & Medicinal Chemistry, 14, 7, Elsevier, 2006, ISSN:0968-0896, DOI:10.1016/j.bmc.2005.11.002, 2190-2196. SJR (SJR2006=:0. 928), JCR-IF (WoS): 2.624 **Q1, (Scopus)**, https://www.scimagojr.com/journalsearch.php?q=25786&tip=sid&clean=0

Цитира се в:

1. Cheng, E., Mandalia, R., Motevalli, M., Mothia, B., Patanwadia, Y., Wyatt, W. (2006). Stereoselective Diels–Alder reactions of 3-hosphonopropenoyl derivatives of 1, 3-oxazolidin-2-ones, Tetrahedron, 62, 52, 12398-12407, ISSN:0040-4020, https://doi.org/10.1016/j.tet.2006.09.099. (IF 2006=2.817) **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0040402006015894
2. Alfonsov, V., McKenna, C., Bayandina, E., Kashemirov, B., Yarmieva, L., Punegova, L., Kataeva, O. (2008). Stereoselective synthesis of enantiopure cyclic α-aminophosphonic acids: Direct observation of inversion at phosphorus in phosphonate ester silyldealkylation by bromotrimethylsilane. Heteroatom Chemistry, 19, 6, 575-582, DOI: 10.1002/hc.20480, ISI Online ISSN:1098-1071, (IF 2008=1.155). **Q2 (Scopus), Q3 (WoS)**, https://onlinelibrary.wiley.com/doi/10.1002/hc.20480
3. Wilt, J., Pink, M., Johnston, J. (2008). A diastereo- and enantioselective synthesis of α-substituted anti-α, β-diaminophosphonic acid derivatives, Chemical Communications, (35), 4177-4179, DOI: 10.1039/b808393b, ISSN:1359-7345, (IF 2008=5.340), **Q1 (Scopus, WoS)**, https://pubmed.ncbi.nlm.nih.gov/18802521/
4. Orsini, F., Sello, G., Sisti, M. (2009). Aminophosphonic Acids and Derivatives. Synthesis and Biological Applications. Current Medicinal Chemistry 17, 3, 264-89, DOI : 10.2174/092986710790149729, ISSN:0929-8673, (IF 2009=4.708) **Q1 (Scopus, WoS)**, https://www.eurekaselect.com/article/15704
https://www.researchgate.net/publication/41847811_Aminophosphonic_Acids_and_Derivatives_Synthesis_and_Biological_Applications/stats
5. Barros, M.T., Phillips, A.M.F. (2010). ChemInform Abstract: The First Enantioselective [3 + 2] Cycloaddition of Epoxides to Arylisocyanates: Asymmetric Synthesis

of Chiral Oxazolidinone Phosphonates. Tetrahedron Asymmetry 21, 21, 2746-2752, DOI: 0.1016/j.tetasy.2010.10.028, ISSN:0957-4166, (IF 2010=2.484) **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0957416610007408?via%3Dihub#bi0005

6. Kudzin, M., Kudzin, Z., Drabowicz, J. (2011). ChemInform Abstract: Thioureidoalkylphosphonates in the Synthesis of 1-Aminoalkylphosphonic Acids. The Ptc-aminophosphonate Method. ChemInform 2011, 6, 227 – 269, DOI: http://dx.doi.org/10.3998/ark.5550190.0012.617, ISSN:1551-7012 (IF 2011=1.252), **Q3 (Scopus), Q2 (WoS)**, https://quod.lib.umich.edu/a/ark/5550190.0012.617/1

7. Kudzin, Z.H., Kudzin, M.H., Drabowicz, J., Stevens, C.V. (2011). Aminophosphonic Acids - Phosphorus Analogues of Natural Amino Acids.Part 1: Syntheses of α-Aminophosphonic Acids. Current Organic Chemistry 15, 12, 2015-2071, DOI: 10.2174/138527211795703612, ISSN 1385-2728, (IF 2011= 3.064), **Q1 (Scopus), Q3 (WoS)**, https://www.eurekaselect.com/article/19172

8. Kozyra, K., Klimek-Ochab, M., Brzezińska-Rodak, M., Żymańczyk-Duda, E. (2013). Direct determination of enantiomeric enrichment of chiral, underivatized aminophosphonic acids - useful for enantioselective bioconversion results evaluation. Cent.Eur.J.Chem., 11, 1542-1547, ttps://doi.org/10.2478/s11532-013-0277-5, ISSN: 1895-1066, (IF 2013=1.329), **Q2 (Scopus), Q3 (WoS)**, https://link.springer.com/article/10.2478/s11532-013-0277-5#citeas

9. Kozyra, K., Nska-Rodak, M., Klimek-Ochab, M., Żymańczyk-Duda, E. (2013). Biocatalyzed kinetic resolution of racemic mixtures of chiral α-aminophosphonic acids. Journal of Molecular Catalysis B: Enzymatic, 91, 32-36, https://doi.org/10.1016/j.molcatb.2013.02.004, ISSN:1381-1177, (IF 2013=2.745), **Q1 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S1381117713000544?via%3Dihub

10. Ye, M.-Y.; Yao, G.-Y.; Wei, J.-C.; Pan, Y.-M.; Liao, Z.-X.; Wang, H.-S. (2013). Synthesis, Cytotoxicity, DNA Binding and Apoptosis of Rhein-Phosphonate Derivatives as Antitumor Agents. Int. J. Mol. Sci., 14, 5, 9424-9439, ISSN:1422-0067, (IF 2013= 2.339), **Q2 (Scopus, WoS)**, https://www.mdpi.com/1422-0067/14/5/9424

11. Olszewski, T.K. (2014). Environmentally Benign Syntheses of α-Substituted Phosphonates: Preparation of α-Amino- and α-Hydroxyphosphonates in Water, in Ionic Liquids, and under Solvent-Free Conditions. Synthesis, 46, 04, 403-429, DOI: 10.1055/s-0033-1338588, ISSN:0039-7881, (IF 2014=2.689), **Q1 (Scopus), Q2 (WoS)**, https://www.researchgate.net/publication/270860966_Environmentally_Benign_Syntheses_of_a-Substituted_Phosphonates_Preparation_of_a-Amino-_and_a-Hydroxyphosphonates_in_Water_in_Ionic_Liquids_and_under-_Solvent-Free_Conditions

12. Piergies, N., Proniewicz, E. (2014). Structure Characterization of [N-Phenylamino(2-boronphenyl)-R-methyl]phosphonic Acid by Vibrational Spectroscopy and Density Functional Theory Calculations. Journal of Spectroscopy, Article ID 247237, 8 pages, ISSN:2314-4939, DOI: 10.1155/9169, (IF 2014=0.538), **Q4 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/10.1155/2014/247237

13. Yao, G-Y., Ye, M.-Y., Huang, R.-Z., Li, Y.-J., Pan, Y.-m., Xu, Q., Liao, Z.X., Wang, H.-S. (2014). Synthesis and antitumor activities of novel rhein α-aminophosphonates conjugates. Bioorganic & medicinal chemistry letters, 24, 2, 501-507, DOI: 10.1016/j.bmcl.2013.12.030, ISSN:0960-894X, (IF 2014=2.42), **Q1 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0960894X13014029?via%3Dihub

14. Hellal, A., Rachida, D., Zaout, S., Elkolli, M., Chafaa, S., Touafri, L., Chafai, N., Mehri, M., Benbougerra, K. (2018). Structural, electronic, vibrational, optical and thermodynamic properties of 3-Oxo-3-p-tolylpropylphosphonic acid and 4-Oxo-4-ptolyl-butyric acid: Density functional theory study. Journal of Molecular Structure 1171, ISSN:0022-2860, DOI: 10.1016/j.molstruc.2018.06.012, 527-540, ISI IF =1.94, (IF 2018=2.12), **Q3 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0022286018307130?via%3Dihub

15. Sun, J., Mou, C., Liu, C., Huang, R., Zhang, S., Zheng, P. Chi, Y.R. (2018). Enantioselective access to multi-cyclic α-amino phosphonates: Via carbenecatalyzed cycloaddition reactions between enals and six-membered cyclic imines. Organic Chemistry Frontiers, 5, 20, 2992-2996, DOI: 10.1039/c8qo00877a, ISSN:20524110, (IF 2018=5.076), **Q1 (Scopus, WoS)**, https://pubs.rsc.org/EN/content/articlelanding/2018/qo/c8qo00877a/unauth#!divAbstract

16. Sun, J., Mou, C., Wang, Z., He, F., Wu, J., Chi, Y.R. (2018). Carbene-Catalyzed [4 + 2] Cycloadditions of Vinyl Enolate and (*in situ* Generated) Imines for Enantioselective Synthesis of Quaternary α-Amino Phosphonates. Organic Letters, 20, 18, 5969−5972, American Chemical Society doi:10.1021/acs.orglett.8b02707, (IF 2018=6.555), **Q1 (Scopus, WoS)**, https://pubs.acs.org/doi/10.1021/acs.orglett.8b02707

2. Naydenova, E., Todorov, P., Topashka-Ancheva, M., Momekov, G., **Yordanova,T.**, Konstantinov, S., Troev, K. (2008). Novel N-(phosphonomethyl) glycine derivatives: Design, characterization and biological activity. European Journal of Medicinal Chemistry, 43, 6, Elsevier, ISSN:0223-5234, DOI:10.1016/j.ejmech.2007.08.010, 1199-1205, SJR (Scopus):0.962, JCR-IF (WoS):2.882, **Q1, (Scopus)**, https://www.sciencedirect.com/science/article/pii/S0223523407003327?via%3Dihub

Цитира се в:

17. Alfonsov, V., McKenna, C., Bayandina, E., Kashemirov. B., Yarmieva, L., Punegova, L., Kataeva, O. (2008). Stereoselective synthesis of enantiopure cyclic α-aminophosphonic acids: Direct observation of inversion at phosphorus in phosphonate ester silyldealkylation by bromotrimethylsilane. Heteroatom Chemistry, 19, 6, 575-582, https://doi.org/10.1002/hc.20480, ISSN:1098-1071, (IF 2008=1.155), SJR (2008):0.553, **Q2 (Scopus), Q3 (WoS)**, https://onlinelibrary.wiley.com/doi/abs/10.1002/hc.20480

18. Wilt, J.C., Pink, M., Johnston. J.N. (2008). A diastereo- and enantioselective synthesis of α-substituted anti-α, β-diaminophosphonic acid derivatives. Chemical Communications, 5, 4177-4179. DOI: 10.1039/b808393b (IF 2008=5.34), **Q1 (Scopus, WoS)**, https://pubs.rsc.org/en/content/articlelanding/2008/cc/b808393b

19. Metlushka, K., Kashemirov, B., Zheltukhin, V., Sadkova, D., Büchner, B., Hess, C., Kataeva, O., McKenna, C. (2009). 1-(α-Aminobenzyl)-2-naphthol: A New Chiral Auxiliary for the Synthesis of Enantiopure α-Aminophosphonic Acids. Chemistry - A European Journal, 15, 27, 6718-6722, https://doi.org/10.1002/chem.200802540, ISSN:1521-3765, (IF 2009=5.382), **Q1 (Scopus, WoS)**, https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/chem.200802540

20. Orsini, F., Sello, G., Sisti, M. (2010). Aminophosphonic Acids and Derivatives. Synthesis and Biological Applications. Current Medicinal Chemistry, 17, 264. https://doi.org/10.2174/092986710790149729, ISSN:0929-8673, (IF 2010=4.630), **Q1 (Scopus, WoS)**, https://www.eurekaselect.com/article/15704

21. Soloshonok, V., Sorochinsky, A. (2010). Practical Methods for the Synthesis of Symmetrically α, α-Disubstituted α-Amino Acids. Synthesis, 14, 2319-2344, DOI: 10.1055/s-0029-1220013, ISSN:0039-7881, (IF 2010=2.260, **Q1 (Scopus), Q2 (WoS)**, https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0029-1220013

22. Kudzin, Z.H., Kudzin, M.H., Drabowicz, J., Stevens, C.V. (2011). Aminophosphonic Acids - Phosphorus Analogues of Natural Amino Acids. Part 1: Syntheses of α-Aminophosphonic Acids. Current Organic Chemistry, 15, 12, DOI https://doi.org/10.2174/138527211795703612 ISSN:1875-5348 (IF 2011=3.064), **Q1 (Scopus), Q2 (WoS)**, https://www.eurekaselect.com/article/19172

23. Jin, C., Liang, Y.-J., He, H., Fu, L. (2011). Synthesis and biological evaluation of novel phosphonates derivatives of as potential antitumor agents. Phosphorus, Sulfur and Silicon and the Related Elements, 186, 10, 2096-2103, https://doi.org/10.1080/10426507.2011.558363, ISSN:1563-5325, (IF 2011=0.716), **Q4 (Scopus, WoS)**, https://www.tandfonline.com/doi/abs/10.1080/10426507.2011.558363

24. Abdel-Megeed, M.F., Badr, B.E., Azaam, M.M., El-Hiti, G.A. (2012). Synthesis and Antimicrobial Activities of a Novel Series of Heterocyclic α-Aminophosphonates. Archiv der Pharmazie, 345,10, 784-789, DOI: 10.1002/ardp.201200109, ISSN:03656233, (IF 2012=1.540), **Q2 (Scopus), Q3 (WoS)**, https://onlinelibrary.wiley.com/doi/10.1002/ardp.201200109

25. Abdel-Megeed, M.F., Badr, B.E., Azaam, M.M., El-Hiti, G.A. (2012). Synthesis, antimicrobial and anticancer activities of a novel series of diphenyl 1-(pyridin-3-yl)ethylphosphonates. Bioorganic and Medicinal Chemistry, 20, 7, 2252-2258, DOI: 1016/j.bmc.2012.02.015, ISSN:09680896, (IF 2012=2.903), **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0968089612001083?via%3Dihub

26. Abdel-Megeed, M. F., Badr, B. E., Azaam, M. M., & El-Hiti, G. A. (2012). Synthesis and Antimicrobial Activities of Diphenyl(Arylamino)(1-Phenyl-3-(Pyridin-2-Yl)-1H-Pyrazol-4-Yl)Methylphosphonates, Phosphorus, Sulfur, and Silicon and the Related Elements, 187, 12, 1462-1468, DOI: 10.1080/10426507.2012.690117, ISSN:10426507, (IF 2012=0.601), **Q3 (Scopus), Q4 (WoS)**, https://www.tandfonline.com/doi/abs/10.1080/10426507.2012.690117

27. Kozyra, K., Brzezińska-Rodak, M., Klimek-Ochab, M., Zymańczyk-Duda, E. (2013). Biocatalyzed kinetic resolution of racemic mixtures of chiral α-aminophosphonic acids". Journal of Molecular Catalysis B: Enzymatic, 91, 32-36, DOI: 1016/j.molcatb.2013.02.004, ISSN:13811177, (IF 2013=2.745), **Q1 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S1381117713000544

28. Risseeuw, M., Overhand, M., Fleet, G.W.J., Simone, M. (2013). A compendium of cyclic sugar amino acids and their carbocyclic and heterocyclic nitrogen analogues. Amino Acids, 45, 613–689, https://doi.org/10.1007/s00726-013-1521-1 (IF 2013=3.653), **Q1 (Scopus), Q2 (WoS)**, https://link.springer.com/article/10.1007/s00726-013-1521-1#citeas

29. Ye, M.-Y.; Yao, G.-Y.; Wei, J.-C.; Pan, Y.-M.; Liao, Z.-X.; Wang, H.-S. (2013). Synthesis, Cytotoxicity, DNA Binding and Apoptosis of Rhein-Phosphonate Derivatives as Antitumor Agents. Int. J. Mol. Sci., 14, 5, 9424-9439, ISSN:1422-0067, (IF 2013=3.339), **Q2 (Scopus), Q3 (WoS)**, https://www.mdpi.com/1422-0067/14/5/9424

30. Piergies, N., Proniewicz, E. (2014). Structure Characterization of [N-Phenylamino(2-boronphenyl)-R-methyl]phosphonic Acid by Vibrational Spectroscopy and Density Functional Theory Calculations". Journal of Spectroscopy, 9, 1-8 DOI: 10.1155/2014/247237, (IF 2014=0.538), **Q4 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/10.1155/2014/247237

31. Olszewski, T.K. (2014). Environmentally benign syntheses of α-substituted phosphonates: Preparation of α-amino- and α-hydroxyphosphonates in water, in ionic liquids, and under solvent-free conditions. Synthesis (Germany), 46, 4, Article number SS-2013-E0646-R, 403-429, DOI: 10.1055/s-0033-1338588, ISSN:00397881, (IF 2014=2.689), **Q1 (Scopus), Q2, (WoS)**, https://www.researchgate.net/publication/270860966_Environmentally_Benign_Syntheses_of_a-Substituted_Phosphonates_Preparation_of_a-Amino-_and_a-Hydroxyphosphonates_in_Water_in_Ionic_Liquids_and_under-_Solvent-Free_Conditions

32. Yao, G.Y., Ye, M.Y., Huang, R.Z., Li, Y.J., Pan, Y.M., Xu, Q., Liao, Z.X., Wang, H.S. (2014). Synthesis and antitumor activities of novel rhein α-aminophosphonates conjugates. Bioorganic and Medicinal Chemistry Letters, 24, 2, 501-507, DOI: 10.1016/j.bmcl.2013.12.030, ISSN:0960894X, (IF 2014=2.420), **Q1 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0960894X13014029?via%3Dihub

33. Bálint, E., Fazekas, E., Kóti, J., Keglevich, G. (2015). Synthesis of N, N-Bis(dialkoxyphosphinoylmethyl)- and N, N-Bis(diphenylphosphinoylmethyl)-β- and γ-amino acid derivatives by the microwave-assisted double Kabachnik–fields reaction. Heteroatom Chemistry, 26, 1, Wiley, ISSN:10427163, DOI: 10.1002/hc.21221, 106-115, (IF 2015=1.203), **Q2 (Scopus), Q3 (WoS)**, https://onlinelibrary.wiley.com/doi/epdf/10.1002/hc.21221

34. Kenawy, E.R.S., Azaam, M.M., Saad-Allah, K.M. (2015). Synthesis and antimicrobial activity of α-aminophosphonates containing chitosan moiety. Arabian Journal of Chemistry, 8, 3, Elsevier, ISSN:18785352, DOI: 10.1016/j.arabjc.2013.12.029, 427-432, (IF 2015=3.613), **Q2 (Scopus, WoS)**, https://arabjchem.org/synthesis-and-antimicrobial-activity-of-aminophosphonates-containing-chitosan-moiety/

35. Ouazene, M., Kaid, M H., Ilikti, H., Villemin, D. (2016). Solvent extraction of Samarium (III) by diaminododecylphosphonic acid followed by UV/Vis Spectroscopy using Arsenazo III. Physics and Chemistry of Liquids, 54, 4, Taylor & Francis Group ISSN:0031-9104, DOI:10.1080/00319104.2015.1126837, (IF 2016=1.145), 552-562, **Q2 (Scopus), Q4 (WoS)**, https://www.tandfonline.com/doi/full/10.1080/00319104.2015.1126837

36. Wang, Q., Yang, L., Ding, H., Chen, X., Wang, H., Tang, X. (2016). Synthesis, X-ray crystal structure, DNA/protein binding and cytotoxicity studies of five α-aminophosphonate N-derivatives. Bioorganic Chemistry, 69, 132–139. https://doi.org/10.1016/j.bioorg.2016.10.007, (IF 2016=3.231), ISSN:0045-2068, **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0045206816302292?via%3Dihub

3. Topashka-Ancheva, M., **Gerasimova, Ts.**, Dinchev, V., Dimitrov, K. (2009). Karyological Data About the Bulgarian Native Dog Breed "Karakachan Dog". Biotechnology & Biotechnological Equipment, 23, Taylor & Francis OnlineISSN:13102818, DOI:· 10.1080/13102818.2009.10818384, 136-139, SJR (Scopus):0.135, JCR-IF (WoS):0.291, **Q4 (WoS)**, https://www.tandfonline.com/doi/abs/10.1080/13102818.2009.10818384

Цитира се в:

37. Raja K.N., Saravanan, R., Devendran, P., Singh Kumar Pramod, Mishra Kumar Anil, Ganguly Indrajit (2017). Cytogenetic Profile of Rajapalayam Dog Breed of Southern India. Indian Journal of Animal Research. 2018, 52, 9, 1243-1247, Article ID: B-3369, DOI: DOI:10.18805/ijar.v0iOF.9132, (IF 2017=0.201), Q3 (Scopus), **Q4 (WoS)**, https://www.arccjournals.com/journal/indian-journal-of-animal-research/B-3369

38. Sandhu, Y., Mahajan, S., Sethi, R.S., Arora, J.S., Mukhopadhyay, C.S. (2021). Differential karyotype profiling of three popular breeds of dogs in India. Indian Journal of Animal Sciences, 90, 11, 1488-1490. https://doi.org/10.56093/ijans.v90i11.111496 SJR (Scopus 2021) 0.184; WoS (IF 2021=0.294), Q3 (Scopus), **Q4 (WoS)**, https://www.scopus.com/pages/publications/85111706815

4. Kril, A., Iliev, I., Topashka-Ancheva, M, **Gerasimova, Ts.**, Kraisheva, I., Tsacheva, I., Vodenicharova, E., Ivanov, I., Troev, K. (2011). *In Vitro* Antitumor Activity and Safety Testing of an Aminophosphonate Bearing a Furan Ring. Biotechnology & Biotechnological Equipment, 25, 4, Taylor & Francis Online, ISSN:1310-2818, DOI:10.5504/BBEQ.2011.0060, 2663-2667, SJR (Scopus):0.417, JCR-IF (WoS):0.76, **Q3 (Scopus)**, https://www.tandfonline.com/doi/abs/10.5504/BBEQ.2011.0060

Цитира се в:

39. Hong, Y.-P., Shangguan, X.-C., Li, D.-M. (2013). Microwave-assisted syntheses, structures and bioactivities of α-aminophosphonates containing pyrazole and 2-hydroxybenzyl units. Jiegou Huaxue, 32, 11, 1639-1646; ISSN:0254-5861 (IF 2021=0.477), **Q4 (Scopus, WoS)**, https://www.scopus.com/pages/publications/84903585750

5. Topashka-Ancheva, M., Beltcheva, M., Metcheva, R., Rojas, J., Rodriguez-De La Fuente, A., **Gerasimova, Ts.**, Rodríguez-Flores, L., Teodorova, S. (2012). Modified natural clinoptilolite detoxifies small mammal's organism loaded with lead II: Genetic, cell, and physiological effects. Biological Trace Element Research, 147, 1-3, Springer, 2012, ISSN:0163-4984, DOI:10.1007/s12011-011-9289-1, 206-216. SJR (Scopus):0.649, JCR-IF (WoS):1.748, **Q2 (Scopus)**, https://link.springer.com/article/10.1007/s12011-011-9289-1

Цитира се в:

40. Kavak, D., Ülkü, S. (2015). Kinetic and equilibrium studies of adsorption of β-glucuronidase by clinoptilolite-rich minerals. Process Biochemistry, 50, 2, 221-229, Elsevier, ISSN:1359-5113, 221-229, DOI:10.1016/j.procbio.2014.12.013, (IF 2015=2.529), **Q2 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S1359511314006060

41. Cerri, G., Farina, M., Brundu, A., Daković, A., Giunchedi, P., Gavini, E., Rassu G. (2016). Natural zeolites for pharmaceutical formulations: Preparation and evaluation of a clinoptilolite-based material. Microporous and Mesoporous Materials. 223, 58-67, (IF 2016=3.615), **Q1 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S138718111500579X

42. Ghasemi Z., Sourinejad I., Kazemian, H., R. Sohrab. (2016). Application of zeolites in aquaculture industry: a review. Reviews in Aquaculture, (IF 2016=4.618), DOI: 10.1111/raq.12148, ISSN:1753-5131, **Q1 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/abs/10.1111/raq.12148

43. Tomečková, V., Reháková, M., Mojžišová, G., Wadsten, T., Zelenáková, K., Komanický V. (2016). Spectral study of modified natural clinoptilolite with pharmacologically active escin and horse chestnut extract. Spectroscopy Letters, 49, 2, Taylor & Francis, ISSN: 0038-7010, DOI:10.1080/00387010.2015.1072095, 63-72, ISI IF = 0.852, (IF 2016=0.794)**, Q3 (Scopus), Q4 (WoS)**, https://www.tandfonline.com/doi/full/10.1080/00387010.2015.1072095

44. Ochiuz, L., Ghichc, C., Ignat, M., Popa, M., Peptu, C. A., Vasile, A. (2017). Development of a Modified - release Drug Delivery System with Bexarotene Loaded in Clinoptilolite. Materiale Plastice, 54, 3, 581-585. (IF 2017= 1.248), **Q2 (Scopus), Q3 (WoS)**, https://www.revmaterialeplastice.ro/pdf/41%20OCHIUZ%20L%203%2017.pdf

45. Okoro, H.K., Ige, J.O., Iyiola, O.A., Pandey, S., Lawal, I.A., Zvinowanda, C., Ngila, C.J. (2017). Comprehensive reviews on adverse health effects of human exposure to endocrine-disrupting chemicals. Fresenius Environmental Bulletin, 26, 7, 4623-4636, (IF 2017=0.673), **Q3 (Scopus), Q4 (WoS)**, https://pure.uj.ac.za/en/publications/comprehensive-reviews-on-adverse-health-effects-of-human-exposure/

46. Bacakova, L., Vandrovcova, M., Kopova, I., & Jirka, I. (2018). Applications of zeolites in biotechnology and medicine – a review. Biomaterials Science, 6, 5, 974–989. doi:10.1039/c8bm00028j (IF 2018=5.251), **Q1 (Scopus, WoS)**, https://pubs.rsc.org/en/content/articlelanding/2018/bm/c8bm00028j/unauth#!divAbstract

47. Ghasemi, Z., Sourinejad, I., Kazemian, H., Rohani, S. (2018). Application of zeolites in aquaculture industry: a review. Reviews in Aquaculture, 10, 1, 75-95, eISSN:1753-5131, DOI:10.1111/raq.12148 (IF 2018=7.190), **Q1 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/abs/10.1111/raq.12148?systemMessage=Wiley+Online+Library+will+be+unavailable+for+up+to+3+hours+on+Saturday+19th+March+2016+from++11%3A00-14%3A00+GMT+%2F+07%3A00-10%3A00+EDT+%2F+19%3A00-22%3A00+SGT+for+essential

48. Kraljević. Pavelić S., Simović Medica J., Gumbarević. D., Filoševi.ć A., Pržulj. N., Pavelić, K, (2018). Critical Review on Zeolite Clinoptilolite Safety and Medical Applications *in vivo*. Front. Pharmacol., 9,1350, doi: 10.3389/fphar.2018.01350 (IF 2018=3.845), **Q1 (Scopus, WoS)**, https://www.frontiersin.org/journals/pharmacology/articles/10.3389/fphar.2018.01350/full?utm_source=F-CBF_176&utm_medium=EMLX&utm_campaign=PRD_IMCBF_201811

6. Topashka-Ancheva, M., **Gerasimova, T.** (2012). Chapter 7. Genomic sensitivity of small mammals - a suitable test system in the genetic monitoring. Ecotoxicology, InTECH Book Edited by Dr. Ghousia Begum, ISBN:978-953-51-0027-0, 125-146 DOI: 10.5772/28432 https://www.intechopen.com/chapters/27526

Цитира се в:

49. Lone, M.I., Nabi, A., Dar, N.J., Hussain, A., Nazam, N., Hamid, A., Ahmad, W. (2017). Toxicogenetic evaluation of dichlorophene in peripheral blood and in the cells of the immune system using molecular and flow cytometric approaches. Chemosphere, 167, Elsevier 2017, ISSN:0045-6535, DOI: 10.1016/j.chemosphere.2016.08.131, 520-529, ISI IF = 3.698, (IF WoS 2017=4.427), **Q1 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0045653516311663

7. Kril, A., Topashka-Ancheva, M., Iliev, I., **Gerasimova, T.**, Kraicheva, I., Tsacheva, I., Vodenicharova, E., Troev, K. (2012). *In vitro* Antitumour Activity, Genotoxicity, and Antiproliferative Effects of Aminophosphonic Acid Diesters and their Synthetic Precursors. Z. Naturforschung C, 67, 9-10, De Gruyter, 2012, ISSN:09395075, DOI:10.1515/znc-2012-9-1005, 473-480. SJR (Scopus):0.301, JCR-IF (WoS):0.716, **Q3 (WoS)**, https://pubmed.ncbi.nlm.nih.gov/23198405/

Цитира се в:

50. Pawłowska, A., Volle, J.-N., Virieux, D., Pirat, J.-L., Janiak, A., Nowicki, M., Hoffmann, M., Pluskota-Karwatka, D. (2018). Perfluorophenyl phosphonate analogues of aromatic amino acids: Synthesis, X-ray and DFT studies. Tetrahedron, 74, 9, 975-986, DOI: 10.1016/j.tet.2018.01.019, ISSN:00404020, (IF 2018=2.379), **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0040402018300413?via%3Dihub

51. Sun, J., Mou, C., Liu, C., Huang, R., Zhang, S., Zheng, P., Chi, Y.R. (2018). Enantioselective access to multi-cyclic α-amino phosphonates: Via carbene-catalyzed cycloaddition reactions between enals and six-membered cyclic imines. Org. Chem. Front. 5, 2992-2996, DOI: 10.1039/C8QO00877A, Online only 2018: ISSN 2052-4129, (IF 2018=5.076), **Q1 (Scopus, WoS)**, https://pubs.rsc.org/en/Content/ArticleLanding/2018/QO/C8QO00877A#!divAbstract

52. Dolanbay, S. N., Yilmaz, Z. K., Kaya, B., Aslima, B., Ülküseven, (2023). B. *In vitro* biological and *in silico* screening of novel iron(iii) complexes for DNA-targeted antitumor drug

component. New Journal of Chemistry, 47, 30, 14225-14241, 2023. DOI https://doi.org/10.1039/D3NJ00016H, (IF 2023=2.7), SJR 2023 - 0.521, **Q2 (Scopus, WoS)**, https://pubs.rsc.org/en/content/articlelanding/2023/NJ/D3NJ00016H

8. Kraicheva, I., Tsacheva, I., Vodenicharova, E., Tashev, E., Tosheva, T., Kril, A., Topashka-Ancheva, M., Iliev I., **Gerasimova, Ts.**, Troev, K. (2012). Synthesis, antiproliferative activity and genotoxicity of novel anthracene-containing aminophosphonates and a new anthracene-derived Schiff base. Bioorganic and Medicinal Chemistry, 20, 1, Elsevier, ISSN:0968-0896, DOI:10.1016/j.bmc.2011.11.024, 117-124. SJR (Scopus):1.204, JCR-IF (WoS):2.97, **Q1 (Scopus)**, https://pubmed.ncbi.nlm.nih.gov/22142614/

Цитира се в:

53. Ozkan, H., Gultekin, D., Sezen, S., Ozgeris, B., Tümer, F. (2013). Mutagenic assessment of three synthetic pyridine-diaryl ketone derivatives. Toxicology and industrial health. 31(12). 10.1177/0748233713491810. (IF 2013=1.71), SJR (Scopus 2013):0.473, **Q2 (Scopus, WoS)**, https://journals.sagepub.com/doi/10.1177/0748233713491810

54. Sztanke, K., Maziarka, A., Osinka, A., Sztanke, M. (2013). An insight into synthetic Schiff bases revealing antiproliferative activities in vitro. Bioorganic and Medicinal Chemistry 21, 13, 3648-3666, https://doi.org/10.1016/j.bmc.2013.04.037, ISSN: 0968-0896, (IF 2013=2.951), **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0968089613003635?via%3Dihub

55. Bedolla-Medrano, M., Hernández-Fernández, E., Ordóñez, M. (2014). Phenylphosphonic acid as efficient and recyclable catalyst in the synthesis of α-aminophosphonates under solvent-free conditions. Synlett, 25, 8, ST-2013-S1153-L, 1145-1149, DOI:0.1055/s-0033-1341069, ISSN: 0936-5214, (IF 2014=2.419), **Q2 (Scopus, WoS)**, https://www.thieme-connect.de/products/ejournals/abstract/10.1055/s-0033-1341069

56. Olszewski, T.K. (2014). Environmentally benign syntheses of α-substituted phosphonates: Preparation of α-amino- and α-hydroxyphosphonates in water, in ionic liquids, and under solvent-free conditions. Synthesis (Germany), 46, 4, Article number SS-2013-E0646-R, 403-429, DOI: 10.1055/s-0033-1338588, ISSN:00397881, (IF 2014=2.689), **Q1 (Scopus), Q2 (WoS),** https://www.researchgate.net/publication/270860966_Environmentally_Benign_Syntheses_of_a-Substituted_Phosphonates_Preparation_of_a-Amino-_and_a-Hydroxyphosphonates_in_Water_in_Ionic_Liquids_and_under-_Solvent-Free_Conditions

57. Ordóñez, M., Viveros-Ceballos, J.L., Cativiela, C., Sayago, F.J. (2015). An Update on the Stereoselective Synthesis of α-Aminophosphonic Acids and Derivatives. Tetrahedron, 71, 12, Elsevier, 2015, ISSN: 00404020, DOI: 10.1016/j.tet.2015.01.029, 1745-1784, (IF 2015=2.645), **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0040402015000721

58. Ozkan, H., Gultekin, D.D., Sezen, S., Ozgeris, B., Gulluce, M., Tumer, F. (2015). Mutagenic assessment of three synthetic pyridine-diaryl ketone derivatives. Toxicology and Industrial Health, 31, 12, DOI:10.1177/0748233713491810, ISSN: 0748-2337, eISSN:1477-0393, 1252-1257, (IF 2015=1.688), **Q2 (Scopus, WoS)**, https://pubmed.ncbi.nlm.nih.gov/23788394/

59. Ramírez-Marroquín, O.A., Romero-Estudillo, I., Viveros-Ceballos, J.L., Cativiela, C., Ordóñez, M. (2016). Convenient Synthesis of Cyclic α-Aminophosphonates by Alkylation–Cyclization Reaction of Iminophosphoglycinates Using Phase-Transfer Catalysis. European Journal of Organic Chemistry, 10.1002/ejoc.201501203. Q2 SJR2016-1.177, (IF 2016=2.834), **Q1 (Scopus), Q2 (WoS)**,

https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/ejoc.201501203

60. Abdel-Rahman, R.M., Ali, T.E., Abdel-Kariem, S.M. (2016). Methods for synthesis of N-heterocyclyl/ heteroaryl-α-aminophosphonates and α-(azaheterocyclyl)phosphonates. ARKIVOC 1, ARKAT USA incorporation ISSN:1551-7004, DOI: http://dx.doi.org/10.3998/ark.5550190.p009.519, Paper ID: 16-9519LR, 183-211, ISI IF = 1.165, (IF 2016=1.031), **Q3 (Scopus, WoS)**, https://quod.lib.umich.edu/a/ark/5550190.p009.519/1

61. Huang, R., Wang, C, Li, J., Yao, G., Pan, Y., Ye, M., Wang, H., Zhang, Y. (2016). Synthesis, antiproliferative and apoptosis-inducing effects of novel asiatic acid derivatives containing α-aminophosphonates. RSC Advances, 6, 62890-62906, ISSN 2046-2069, DOI: 10.1039/C6RA11397D, 62890-62906, ISI IF = 3.289, (IF 2016=3.108), **Q1 (Scopus), Q2 (WoS)**, https://pubs.rsc.org/en/content/articlelanding/2016/ra/c6ra11397d/unauth#!divAbstract

62. Özdemir, Özlem. (2016). Novel symmetric diimine-Schiff bases and asymmetric triimine-Schiff bases as chemosensors for the detection of various metal ions. Journal of Molecular Structure, 1125, 260-271, https://doi.org/10.1016/j.molstruc.2016.06.074, ISI IF = 1.71. SJR 2016-0.41, (IF 2016=1.753), **Q3 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0022286016306627?via%3Dihub

63. Ramírez-Marroquín, O.A., Romero-Estudillo, I., Viveros-Ceballos, J.L., Cativiela, C., Ordõñez, M. (2016). Convenient Synthesis of Cyclic a-Aminophosphonates by Alkylation-Cyclization Reaction of Iminophosphoglycinates Using Phase-Transfer Catalysis. European Journal of Organic Chemistry, 2016, 2, 308-313, eISSN:1099-0690, DOI: 10.1002/ejoc.201501203, (IF 2016=2.834), **Q1 (Scopus), Q2 (WoS)**, https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/ejoc.201501203

64. Saha, D., Kaur, T., Singh, N., Singh, U.P., Sharma, A. (2016). Rapid Access to New Thiazepinyl and Oxazepinyl Phosphonates through a Green Pudovik Reaction. Asian Journal of Organic Chemistry, 5, 1, ISSN:2193-5815, DOI:10.1002/ajoc.201500338, 82-90, ISI IF = 3.318, (IF 2016=2.788), **Q1 (Scopus), Q2 (WoS)**, https://aces.onlinelibrary.wiley.com/doi/10.1002/ajoc.201500338

65. Bálint, E., Tajti, A., Ádám, A., Csontos, I., Karaghiosoff, K., Czugler, M., Péter Ábrányi-Balogh, P., Keglevich, G. (2017). The synthesis of α-aryl-α-aminophosphonates and α-aryl-α-aminophosphine oxides by the microwave-assisted Pudovik reaction. Beilstein Journal of Organic Chemistry, 13, 76–86, ISSN:1860-5397, DOI:10.3762/bjoc.13.10, (IF 2017=2.330), **Q1 (Scopus), Q2 (WoS)**, https://www.beilstein-journals.org/bjoc/content/pdf/1860-5397-13-10.pdf

66. Guezane-Lakoud, S., Toffano, M., Aribi-Zouioueche, L. (2017). Promiscuous lipase catalyzed a new P–C bond formation: Green and efficient protocol for one- pot synthesis of α-aminophosphonates. Heteroatom Chemistry, 28:e21408, DOI: 10.1002/hc.21408 2016, ISSN:1098-1071, (IF 2017=1.137), **Q3 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/epdf/10.1002/hc.21408

67. Kuśnierz, A., Chmielewska, E. (2017). Synthesis of fluorescent aminophosphonates by green chemistry procedures. Phosphorus, Sulfur, and Silicon and the Related Elements. 192, 6: Harry Hudson Special Issue, 700-705, https://doi.org/10.1080/10426507.2017.1308934, ISI IF = 0.723, Online ISSN:1563-5325, (IF 2017=0.674), **Q4 (Scopus, WoS),** https://www.tandfonline.com/doi/abs/10.1080/10426507.2017.1308934

68. Loredo-Calderón, E., Velázquez-Martínez, C., Ramírez-Cabrera, M., Hernández-Fernández, E., Rivas-Galindo, V., Arredondo Espinoza, E., López-Cortina, S. (2019). Synthesis of novel α-aminophosphonates under microwave irradiation, biological evaluation as antiproliferative agents and apoptosis inducers. Medicinal Chemistry Research, 28, 11, 2067–2078, ISSN:1054-2523, https://doi.org/10.1007/s00044-019-02436-z, (IF 2019=1.783), **Q2 (Scopus), Q4 (WoS)**, https://link.springer.com/article/10.1007/s00044-019-02436-z

69. Beytur, Murat. (2020). Fabrication of platinum nanoparticle/borbon nitride quantum dots/6-methyl-2-(3-hydroxy-4-methoxybenzylidenamino)-benzothiazole (ILS) nanocomposite for electrocatalytic oxidation of metanol. Journal of the Chilean Chemical Society, 65, 3, 4929-

4933, eISSN: 0717-9707, Q3, SJR = 0.19, (IF 2020=1.034), **Q3 (Scopus), Q4 (WoS)**, https://www.scopus.com/pages/publications/85095885828

70. dos Santos, T.M., Martins, C.C., Bueno, D.T., Nunes, I.J., Busatto, F.F., Cargnelutti, R., Luchese, C., de Lazaro Casagrande Jr, O., Saffi, J., Wilhelm, E.A., Pinheiro, A.C. (2020). Synthesis, molecular structure and antioxidant activity of bis [L(μ2-chloro) copper(II)] supported by phenoxy/naphthoxy–imine ligands. Journal of Inorganic Biochemistry, 210, 111130, ISSN:0162-0134, DOI: 10.1016/j.jinorgbio.2020.111130, (IF 2020=4.155), SJR2020-0.695, **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0162013420301586?via%3Dihub

71. Tahmasebi, V., Grivani, G., Eigner, V. Dusek, M., Khalaji, A. (2020). New Mn(II) and Cu(II) Complexes of Naphtaldimine Schiff Base Ligands: Synthesis, Characterization and Crystal Structures. Journal of Structural Chemistry, 61, 57–65, https://doi.org/10.1134/S0022476620010060, e ISSN 1573-8779, (IF 2020=1.071), **Q3 (Scopus), Q4 (WoS)**, https://link.springer.com/article/10.1134/S0022476620010060#citeas

72. Iacopetta, D., Ceramella, J., Catalano, A., Saturnino, C., Bonomo, M.G., Franchini, C., Sinicropi, M.S. (2021). Schiff Bases: Interesting Scaffolds with Promising Antitumoral Properties. Applied Sciences, 11, 4, 1877, https://doi.org/10.3390/app11041877 EISSN 2076-3417 (IF 2021=2.838), **Q2 (Scopus), Q3 (WoS)**, https://www.mdpi.com/2076-3417/11/4/1877

73. Siqueira, J.D., de Pellegrin, S.F., Fontana, L.A., Iglesias, B.A., Sagrillo, M.R., Oliveira, P.S., Rossato, A., Silveira, L.S., Neves, A., Chaves, O.A., Back, D.F. (2021). Copper (II) complexes derived from pyridoxal: structural correlations, cytotoxic activities, and molecular docking. Inorganica Chimica Acta, 526, 9, 120530, ISSN 0020-1693, https://doi.org/10.1016/j.ica.2021.120530, (IF 2021=3.118), **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0020169321002863?via%3Dihub

9. Kraicheva, I., Vodenicharova, E., Shivachev, B., Nikolova, R., Kril, A., Topashka-Ancheva, M., Iliev, I., Georgieva, A., **Gerasimova, Ts.**, Tosheva, T., Tashev, E., Tsacheva, I., Troev, K. (2013). Anthracene-derived bis-aminophosphonates: crystal structure, in vitro antitumor activity, and genotoxicity in vivo. Phosphorus, Sulfur, and Silicon and the Related Elements, 188, 11, Taylor & Francis Group, ISSN:1042-6507 (Print), 1563-5325 (Online), DOI:10.1080/10426507.2012.761986, 1535-1547, SJR (Scopus):0.231, JCR-IF (WoS):0.827, **Q4 (Scopus)**, https://www.tandfonline.com/doi/abs/10.1080/10426507.2012.761986

Цитира се в:

74. Eshghi, H., Mirzaei, M., Hasanpour, M., Mokaber-Esfahani, M. (2015). Document Benzimidazolium dicationic ionic liquid as an efficient and reusable catalyst for the synthesis of α-aminophosphonates and bis (α-aminophosphonates) under solvent-free condition. Phosphorus, Sulfur and Silicon and the Related Elements, 190, 10, 1606-1620, Taylor & Francis, ISSN:1563-5325, SJR (Scopus):0.252, (IF 2015=0.723), **Q4 (Scopus, WoS)**, https://www.tandfonline.com/doi/full/10.1080/10426507.2015.1012199

75. Hudson, H.R., Czugler, M., Lee, R.J, Woodroffe, T.M. (2016). Extremely short H···H distances and intermolecular hydrogen-bonding patterns of dialkyl α-aryl-α-(diphenylmethylamino)methanephosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 191, 3, 469-477, ISSN:1042-6507, eISSN:1563-5325, DOI: 10.1080/10426507.2015.1091833, (IF 2016=0.809), SJR (Scopus):0.263, **Q4 (Scopus, WoS)**, https://www.tandfonline.com/doi/pdf/10.1080/10426507.2015.1091833

76. MacArie, L., Plesu, N., Iliescu, S., Ilia, G. (2018). Synthesis of organophosphorus compounds using ionic liquids. Reviews in Chemical Engineering, De Gruyter, 34, 5, 727-740, (IF 2018=4.2), SJR (Scopus):1.016, **Q1 (Scopus, WoS)**,

https://www.degruyterbrill.com/document/doi/10.1515/revce-2017-0014/html?srsltid=AfmBOoo4vi6K_rjMLnvdFLAaUnCk74mNEWblezoqS1m971NkJ_hcCyBd

77. Aissa, R., Guezane-Lakoud, S., Kolodziej, E., Toffano, M., Aribi-Zouioueche, L. (2019). Diastereoselective synthesis of bis(α-aminophosphonates) by lipase catalytic promiscuity. New J. Chem., 43, 8153-8159, DOI: 10.1039/C8NJ06235H, (IF 2019=3.288), SJR (Scopus):0.712, **Q1 (Scopus), Q2 (WoS)**, https://pubs.rsc.org/en/content/articlelanding/2019/nj/c8nj06235h#!divAbstract

78. Baig, M.Z.K., Prusti, B., Bhuin, S., Chakravarty, M. (2020). The reaction of anthracenyl-α-hydroxyphosphonate with anthracene: Access to diverse (bis)-anthracenylmethylphosphonates as a suitable source for extensive π conjugates. Phosphorus, Sulfur and Silicon and the Related Elements, 195, 7, 526-535, ISSN:1563-5325, https://doi.org/10.1080/10426507.2020.1723098, (IF 2020=1.082), SJR (Scopus):0.231, **Q4 (Scopus, WoS)**, https://www.tandfonline.com/doi/abs/10.1080/10426507.2020.1723098?journalCode=gpss20

79. Aissa, R., Guezane-Lakoud, C., Toffano, M., Gali, L., Aribi-Zouioueche, L. (2021). Fiaud's Acid, a novel organocatalyst for diastereoselective bis α-aminophosphonates synthesis with *in-vitro* biological evaluation of antifungal, antioxidant and enzymes inhibition potential. Bioorganic & Medicinal Chemistry Letters, 41, 1, 128000, ISSN0960-894X, DOI: 10.1016/j.bmcl.2021.128000, (IF 2021=2.940), SJR (Scopus):0.536, **Q2 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0960894X21002262?via%3Dihub

10. Kril, A., Topashka-Ancheva, M, Georgieva, A., Iliev, I., **Gerasimova, T.**, Kraicheva, I., Tsacheva, I., Bogomilova, A., Vodenicharova, E., Troev, K. (2014). Low cytotoxicity and clastogenicity of some polymeric aminophosphonate derivatives. Biotechnology & Biotechnological Equipment, 28, 1, 153-159, Taylor & Francis Group, ISSN:1310-2818, DOI:10.1080/13102818.2014.901676, SJR (Scopus):0.173, JCR-IF (WoS):0.3, **Q4 (WoS)**, https://www.tandfonline.com/doi/full/10.1080/13102818.2014.901676

Цитира се в:

80. Olszewski, T.K., Majewski, M. (2015). Highly diastereoselective addition of chiral H-phosphonate to tert-butylsulfinyl aldimines: a convenient approach to (R)-α-aminophosphonic acids. Tetrahedron Asymmetry, 26, 15-16, Elsevier, ISSN:0957-4166, 846–852, (IF 2015=2.108), SJR (Scopus):0.769, **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0957416615002049

81. Hacène K'TIR, Aïcha AMIRA, Chahrazed BENZAID, Zineb AOUF, Souad BENHAROUN, Yasmine CHEMAM, Rachida ZERROUKI, Nour-Eddine AOUF. (2022). Synthesis, bioinformatics and biological evaluation of novel α-aminophosphonates as antibacterial agents: DFT, Molecular Docking and ADME/T Studies. Journal of Molecular Structure, 1250, 2, 131635, ISSN:0022-2860, https://doi.org/10.1016/j.molstruc.2021.131635, (IF 2022=3.8), SJR (Scopus):0.482, **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0022286021017634

11 Kraicheva, I., Vodenicharova, E., Shenkov, S., Tashev, E., Tosheva, T., Tsacheva, I., Kril, A., Topashka-Ancheva, M., Georgieva, A., Iliev, I., Vladov, I., Gerasimova, Ts., Troev, K. (2014). Synthesis, characterization, antitumor activity and safety testing of novel polyphosphoesters bearing anthracene-derived aminophosphonate units. Bioorganic & Medicinal Chemistry, 22, 2, Elsevier, ISSN:0968-0896, DOI:10.1016/j.bmc.2013.12.001, 874-882. SJR (Scopus):0.721, JCR-IF (WoS):2.97, **Q1 (Scopus)**, https://www.sciencedirect.com/science/article/pii/S0968089613009929

Цитира се в:

82. Sobkowski, M., Kraszewski, A., Stawinski, J. (2014). Recent advances in H-phosphonate chemistry. Part 1. H-phosphonate esters: synthesis and basic reactions. Phosphorus Chemistry II. Topics in Current Chemistry, 361, 137-77, doi: 10.1007/128_2014_562. PMID: 25370520, (IF 2014=4.464), SJR (Scopus):1.696, **Q1 (Scopus, WoS)**, https://link.springer.com/chapter/10.1007/128_2014_563

83. Wolf, T., Steinbach, T., Wurm, F.R. A. (2015). Library of well-defined and water-soluble poly(alkyl phosphonate)s with adjustable hydrolysis. Macromolecules, 48, 12, 3853-3863, ACS Publications, ISSN:0024-9297, (IF 2015=5.554), SJR (Scopus):2.357, **Q1 (Scopus, WoS)**, https://pubs.acs.org/doi/full/10.1021/acs.macromol.5b00897

84. Olszewski, T.K., Majewski, M. (2015). Highly diastereoselective addition of chiral H-phosphonate to tert-butylsulfinyl aldimines: a convenient approach to (R)-α-aminophosphonic acids. Tetrahedron Asymmetry, 26, 15-16, Elsevier, ISSN:0957-4166, 846–852, (IF 2015=2.108), SJR (Scopus):0.769, **Q2 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0957416615002049

85. Deshmukh, S.U., Kharat, K.R., Yadav, A.R., Shisodia, S.U., Damale, M.G., Sangshetti, J.N., Pawar, R.P. (2018). Synthesis of Novel α-Aminophosphonate Derivatives, Biological Evaluation as Potent Antiproliferative Agents and Molecular Docking. ChemistrySelect, 3, 20, 5552-5558, DOI: 10.1002/slct.201800798, ISSN: 23656549, ISI IF: 1.505, (IF 2018=1.716), SJR (Scopus):0.445, **Q2 (Scopus), Q3 (WoS)**, https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.201800798

86. Ghosh, S., Singharoy, D., Naskar, J.P, Bhattacharya, S.C. (2019). Perceptive of block co polymers as potential delivering system of synthesized pyridine and pyrimidine derivatives: Spectroscopic and computational approach. Journal of Molecular Liquids, 291, 1 111103, ISSN:0167-7322, (IF 2019=5.065), SJR (Scopus):0.883, **Q1 (Scopus), Q2 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0167732219315685?via%3Dihub

87. Ahmed, N., Youns, M., Soltan, M., Said, A. (2019). Design, synthesis, molecular modelling, and biological evaluation of novel substituted pyrimidine derivatives as potential anticancer agents for hepatocellular carcinoma. Journal of Enzyme Inhibition and Medicinal Chemistry, 34, 1, 1110-1120, DOI: 10.1080/14756366.2019.1612889, (IF 2019=4.673), SJR (Scopus):0.808, **Q1 (Scopus, WoS)**, https://www.tandfonline.com/doi/full/10.1080/14756366.2019.1612889

88. Todorova, Z., Tumurbaatar, O., Todorova, J., Ugrinova, I., Koseva, N. (2021). Phosphorus-containing star-shaped polymer conjugates for biomedical applications. European Polymer Journal, 142, https://doi.org/10.1016/j.eurpolymj.2020.110151, ISSN:0014-3057, (IF 2021=6.3), SJR (Scopus):0.823, **Q1 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0014305720318668?via%3Dihub

89. Baviera, G. S., Donate, P. M. (2023). Niobium Pentachloride Mediated Direct Bradsher-Type Reaction: A Rapid and Efficient Strategy to Synthesize Novel Substituted 9-Anthraldehydes. Synlett, 34, 16, 1915-1919, DOI: 10.1055/s-0041-1738445, (IF 2023=1.7), SJR (Scopus):0.45, **Q3 (Scopus, WoS)**, https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0041-1738445

12. Nikolova-Mladenova, B., Momekov, G., Gerasimova, Ts., Topashka-Ancheva, M. Comparative evaluation of *in silico* and *in vitro* pharmacological activity of'some 5-nitrosalicylaldehyde-derived hydrazones. Journal of Medical and Biological Sciences, 1, CreateSpace Independent Publishing Platform, 2014, ISBN:13: 978-1499669787, 44-48, https://www.semanticscholar.org/paper/Comparative-evaluation-of-in-silico-and-in-vitro-of-Nikolova-Mladenova-Gerassimova/269f5722eaa4e5b7dda61998536bfaf35e9b51fb

Цитира се в:

90. Shao, D., Yang, Z., Zhou, G. (2019). Solubility Measurement and Thermodynamic Model Correlation of 5-Nitrosalicylaldehyde in Different Solvents. Chem. Eng. Data, 2019, 64, 8, 3444-3449, ISSN 0021-9568, DOI: 10.1021/acs.jced.9b00232, (IF 2029 =2.369), SJR Scopus 2019:0.657; **Q1 (Scopus), Q3 (WoS)**, https://scite.ai/reports/solubility-measurement-and-thermodynamic-model-vJkd5dV

91. Li, X., He, Y., Xu, Y., Zhang, X., Zheng, M., Zhao. H. (2020). 5-Nitrosalicylaldehyde in aqueous co-solvent mixtures of methanol, ethanol, isopropanol and acetonitrile: Solubility determination, solvent effect and preferential solvation analysis. The Journal of Chemical Thermodynamics, 142, 106014, ISSN:0021-9614E; https://doi.org/10.1016/j.jct.2019.106014, (IF 2020=3.178), SJR (Scopus):0.81, **Q2 (Scopus), Q3 (WoS)**, https://www.sciencedirect.com/science/article/pii/S0021961419308870?via%3Dihub

13. Janiga, M., Hrehová, Z., Dimitrov, K., Gerasimova, C., Lovari, S. (2016). Lead Levels in the Bones of Snow Voles *Chionomys nivalis* (Martins, 1842) (Rodentia) from European Mountains: A Comparative Study of Populations from the Tatra (Slovakia), Vitosha and Rila (Bulgaria). Acta Zoologica Bulgarica, BAS, 68, 2, 291-295, ISSN:0324-0770, SJR (Scopus):0.307, JCR-IF (WoS):0.413, **Q3 (Scopus)**, https://www.acta-zoologica-bulgarica.eu/downloads/acta-zoologica-bulgarica/2016/68-2-291-295.pdf

Цитира се в:

92. Voiculescu, M., Ianăş, A.N., Germain, D. (2019). Exploring the impact of snow vole (*Chionomys nivalis*) burrowing activity in the Făgăraş Mountains, Southern Carpathians (Romania): Geomorphic characteristics and sediment budget. CATENA, 181, 104070, ISSN 0341-8162, (IF 2019=4.333), SJR (Scopus):1.389, **Q1 (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S0341816219302048?__cf_chl_tk=Dx9tFKC7ZmbB6H5rEzTn1g_jEWCBSKSMcDO28mXJ70Y-1770715541-1.0.1.1-fNeiKWbcbiDaebKq0mvLzEpvWflEOCkdvMfrlRnIupw

14. Tsvetelina Gerasimova, Gabriele Jovtchev, Svetla Gateva, Margarita Topashka-Ancheva, Alexander Stankov, Tsveta Angelova, Ana Dobreva, Milka Mileva. (2022). Study on Cytotoxic and Genotoxic Potential of Bulgarian *Rosa damascena* Mill. and *Rosa alba* L. Hydrosols - *In Vivo* and *In Vitro*. Life-Basel, 12, 9, 1452, MDPI, ISSN:2075-1729, DOI:https://doi.org/10.3390/life12091452, 1452, SJR (Scopus):0.634, JCR-IF (WoS):3.2, **Q2 (Scopus, WoS)**, https://www.mdpi.com/2075-1729/12/9/1452

Цитира се в:

93. Kumar, A., Gautam, R.D., Singh, S., Chauhan, R., Kumar, M., Kumar, D., Kumar, A., Singh, S. (2023). Phenotyping floral traits and essential oil profiling revealed considerable variations in clonal selections of damask rose (*Rosa damascena* Mill.). Scientific Reports, 13, 8101, (IF 2023=3.8), SJR (Scopus):0.9, **Q1 (Scopus, WoS)**, https://www.nature.com/articles/s41598-023-34972-5

94. Kaviani, B., Deltalab, B., Kulus, D., Khoddamzadeh, A.A., Roque-Borda, C.A. (2024). *In Vitro* Shoot Multiplication and Rooting of 'Kashan' and 'Hervy Azerbaijan' Damask Rose (*Rosa damascena* Mill.) Genotypes for Cosmetic and Ornamental Applications. Plants, 13, 10, 1364, https://doi.org/10.3390/plants13101364, (IF 2024=4.1), SJR (Scopus):0.888, **Q1 (Scopus, WoS)**, https://www.mdpi.com/2223-7747/13/10/1364?utm_source=researchgate.net&utm_medium=article

15. Gerasimova, Ts., Topashka-Ancheva, M., Dobreva, A., Georgieva, A., Mileva, M. (2022). Evaluation of the genotoxic activity of wastewater obtained after steam distillation of essential oil of Bulgarian *Rosa alba* L. – *in vivo* study. Romanian Biotechnological Letters, 27, 1, 3292-3301, University of Bucharest, ISSN:2248-3942, doi: 10.25083/rbl/27.1/3292-3301, https://rombio.unibuc.ro/wp-content/uploads/2022/03/27-1-14.pdf

Цитира се в:

95. Soares, A.K., Hansel, F.A., de Matos, M., de Lima, G.G., Andrade, D.R.M., Aparício, R.R., Dias, I.A., de Cademartori, P. H.G., Magalhães, W.L.E. (2025). *Corymbia citriodora* hydrodistillation optimization: A biorefinery approach for extracting high value biocompounds. Chemical Engineering Journal, 162599, ISSN:1385-8947, https://doi.org/10.1016/j.cej.2025.162599, (IF 2024=13.2), SJR 2024(Scopus):2.696, **Q1, (Scopus, WoS)**, https://www.sciencedirect.com/science/article/pii/S1385894725034254

16. Svetla Gateva, Gabriele Jovtchev, Tsveta Angelova, Tsvetelina Gerasimova, Ana Dobreva, Milka Mileva. (2023). Cytogenetic studies on genoprotective effect of *Rosa damascena* Mill. hydrosol in plant and lymphocyte test-systems. Life-Basel MDPI, 13, 8, 1753, ISSN:2075-1729, DOI:https://doi.org/10.3390/life13081753, SJR (Scopus):0.713, JCR-IF (WoS):3.2, **Q1 (Scopus, WoS Biology)**, https://www.mdpi.com/2075-1729/13/8/1753

Цитира се в:

96. Khezerlou, A., Mohammadi, K., Abedini, A., Sani., M. A., Sani, M. A., McClements, D. J. (2025). Phy2tochemicals and bioactive functional ingredients from *Rosa damascena*: from extraction to application in the food and healthcare sectors. Food Chemistry: X. 103202, https://doi.org/10.1016/j.fochx.2025.103202, (IF 2024=8.2), SJR (Scopus 2024):0.489, **Q1 (Scopus, WoS 2024)**, https://www.sciencedirect.com/science/article/pii/S2590157525010491

17. Svetla Gateva, Gabriele Jovtchev, Tsveta Angelova, Tsvetelina Gerasimova, Ana Dobreva, Milka Mileva. (2024). Genotoxic and anti-genotoxic potential of hydrosols from water-steam distillation of oil-bearing roses *Rosa centifolia* L. and *Rosa gallica* L. from Bulgaria. Pharmaceuticals, 17, 5, MDPI, ISSN:1424-8247, DOI:https://doi.org/10.3390/ph17050657, 657, SJR (Scopus):0.845, JCR-IF (WoS):4.3, **Q1 (Scopus)**, https://www.mdpi.com/1424-8247/17/5/657

Цитира се в:

97. Wan, Y., Xu, C., Zhu, Z., Liu, W., Wei, C., Yi, Y., Liu, Z., Wang, T., Zhu, N., Xiao, H. (2024). Extraction of rose hydrosol from Yunnan Dark Red Rose by steam distillation: optimization, antioxidant activity, and flavor assessment. Front. Sustain. Food Syst., 8-1496327, doi: 10.3389/fsufs.2024.1496327, (IF 2024=3.1), SJR (Scopus 2024):0.791, **Q2 (Scopus, WoS)**, https://www.frontiersin.org/journals/sustainable-food-systems/articles/10.3389/fsufs.2024.1496327/full

98. Mezioudy, O.E., Youssoufi, M.H., Lafdil, F.Z., Legssyer, A., Bnouham, M., Ziyyat, A., Mekhfi, H. (2024). The Medicinal Potential of *Rosa centifolia* L.: Integrating Botany, Geographical Distribution, Pharmacology, Ethnobotanical Uses, Phytochemistry, and

Toxicology. Chem. Biodiversity, e202402491, https://doi.org/10.1002/cbdv.202402491, (IF 2024=2.5), SJR (Scopus 2024):0.425, **Q3 (Scopus, WoS)**, https://onlinelibrary.wiley.com/doi/10.1002/cbdv.202402491

99. Almeida, H., Fernandes, I., Amaral, J., Rodrigues, A., Barreiro, M. (2024). Unlocking the Potential of Hydrosols: Transforming Essential Oil Byproducts into Valuable Resources. Molecules, 29, 19, 4660, https://doi.org/10.3390/molecules29194660, (IF = 4.6), SJR (Scopus):0.865, JCR-IF (WoS):4.3, **Q1 (Scopus), Q2 (WoS)**, https://www.mdpi.com/1420-3049/29/19/4660

18. Gerasimova, Ts., Gateva, S., Jovtchev, G., Dobreva, A., Mileva, M., Kokanova-Nedialkova, Z., Gospodinova, M., Angelova, Ts., Nedialkov, P. (2025). Screening of Cytotoxic and Genotoxic Activities of Subcritical Water Extracts from *R. damascena* and *R. alba* Flowers. Molecules, 30, 21, MDPI, DOI:https://doi.org/10.3390/molecules30214294, 4294, SJR (Scopus):0.87, JCR-IF (WoS):4.6, **Q1, (WoS)**, https://www.mdpi.com/1420-3049/30/21/4294

Цитира се в:

100. Kulczyńska, J., Topa, N., Widziołek, M., Homa, J., Kwiecień, I., Gamez, E., Arruebo, M., Kyzioł, A. (2026). Biogenesis of Au Nanoparticles from Plant-Derived Metabolites – *In Vitro* and *In Vivo* Studies. ACS Biomaterials Science & Engineering, 12, 1, https://doi.org/10.1021/acsbiomaterials.5c01488, (IF 2024 = 5.5), SJR (Scopus 2024):1.105, **Q1 (Scopus 2024), Q2 (WoS 2024)**, https://pubs.acs.org/doi/10.1021/acsbiomaterials.5c01488